

**MULTIPLE INVENTORS**

**IBM Docket No: F15920030108US1**  
**Declaration and Power of Attorney for Patent Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**INCORPORATION OF PHASE MAP INTO FAST MODEL-BASED OPTICAL PROXIMITY CORRECTION SIMULATION KERNELS TO ACCOUNT FOR NEAR AND MID-RANGE FLARE**

the specification of which (check one)



is attached hereto.



was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_ and was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 USC §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

**Prior Foreign Application(s):**

Number	Country	Day/Month/Year	Priority Claimed
--------	---------	----------------	------------------

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

Application Number	Filing Date
--------------------	-------------

IBM Docket No.: F15920030108US1

I hereby claim the benefit under 35 USC §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR §1.36 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

**Prior U.S. Applications:**


Serial No.	Filing Date	Status (patented, pending, abandoned)
------------	-------------	---------------------------------------

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Anthony P. DeLio (Reg. No. 18,729); Peter W. Peterson (Reg. No. 31,867); John J. Tomaszewski (Reg. No. 26,241); Robert Curcio (Reg. No. 44, 638); Kelly M. Reynolds (47,898); Joseph P. Abate (Reg. No. 30,238); Jay H. Anderson (Reg. No. 38,371); Ira D. Blecker (Reg. No. 29,894); Steven Capella (Reg. No. 33,086); James J. Cioffi (Reg. No. 51,564); Harold Huberfield (Reg. No. 26,665); Todd M.C. Li (Reg. No. 43,554); Anthony N. Magistrale (Reg. No. 35,595); Margaret A. Pepper (Reg. No. 45,008); H. Daniel Schnurmann (Reg. No. 35,791); Eugene I. Shkurko (Reg. No. 36,678); Steven Soucar (Reg. No. 32,440); Tiffany L. Townsend (Reg. No. 43,199).

Address all telephone calls to: Robert Curcio of DeLIO & PETERSON, LLC at (203) 787-0595.

Address all correspondence to: DeLIO & PETERSON, LLC, (Cust. No. 29505)  
121 Whitney Avenue  
New Haven, CT 06510

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(1) Inventor: Gregg M. Gallatin  
Signature:  10/10/03  
Date: 10/10/03  
Residence: 6 Castle Lane, Newtown, CT 06470, USA  
Citizenship: USA  
Post Office Address: SAME AS RESIDENCE

Page 2

OCT 13 '03 15:07

045 892 6363

PAGE.03

OCT 20 '03 04:50

+972 4 8296112

PAGE.03

IBM Docket No.: F15920030108US1

- (2) Inventor: Emanuel Gofman  
Signature: Gofman 19 Oct 2003  
Date  
Residence: 14 Greenberg Street, Haifa, 34757, Israel  
Citizenship: Israel  
Post Office Address: SAME AS RESIDENCE
- (3) Inventor: Kafai Lal  
Signature: Lal 10/19/2003  
Date  
Residence: 108 Hills Terrace, Poughkeepsie, NY 12603, USA  
Citizenship: Hong Kong  
Post Office Address: SAME AS RESIDENCE
- (4) Inventor: Mark M. Lavin  
Signature: Mark M. Lavin 13 OCT 2003  
Date  
Residence: 20 Anne Chambers Lane, Katonah, NY 10536, USA  
Citizenship: USA  
Post Office Address: SAME AS RESIDENCE
- (5) Inventor: Maharaj Mukherjee  
Signature: Maharaj Mukherjee 10/10/03  
Date  
Residence: 12 Brothers Road, Wappingers Falls, NY 12590, USA  
Citizenship: India  
Post Office Address: SAME AS RESIDENCE

Page 3

OCT 13 '03 15:07

845 892 6363

PAGE.04

OCT 20 '03 04:50


+972 4 8296112

PAGE.04

IBM Docket No.: F15920030108US1

(6) Inventor: Don Ramm

**Signature:**

End Recd 

October 19 2003  
Date

Residence: Yeshuv Sheged, O.N. Menashe, 37862, Israel

Citizenship: Israel

Post Office

Address: SAME AS RESIDENCE

(7) **സംസ്കാരം:**

inventor: Alan E. Rosenbluth

**Signature:**

Ch. 9.

10/23/03  
Date

Residence: 3017 Hickory Street Yorktown Heights, NY 10598, USA  
Citizenship: US

Citizenship: USA

**Pod Office**

ADDRESS: SAME AS RESIDENCE

18) Invention.

Inventor: Shlomo Shliffman

**Signatures:**

Sinkapur

19 Oct 2002

Residence: Nissenboim 4/29. Haifa, 32807, Israel

Citizenship: Israel

**Post Office**

Address: SAME AS RESIDENCE

2025 RELEASE UNDER E.O. 14176

Page 4

DEC 13 '82 15:06

845 892 6363

PAGE. 23

OCT 26 '03 24:50

+972 4 8296112

PAGE. 05

OCT 23 '03 18:24

914 945 2141

PAGE. 17